

Table M.--Building Site Development

(The information in this table indicates the dominant soil condition but does not eliminate the need for onsite investigation. See text for definitions of terms used in this table. Absence of an entry indicates that no rating is applicable.)

| Map symbol and soil name | Shallow excavations | Dwellings without basements | Dwellings with basements | Small commercial buildings | Local roads and streets | Lawns and landscaping |
|-----------------------------|-----------------------------|---|--------------------------------|---|--|-------------------------------|
| AgC: Allegheny----- | Moderate: slope | Moderate: slope | Moderate: slope | Severe: slope | Moderate: slope | Moderate: slope |
| AgD: Allegheny----- | Severe: slope | Severe: slope | Severe: slope | Severe: slope | Severe: slope | Severe: slope |
| At: Atkins----- | Severe: wetness | Severe: flooding wetness | Severe: flooding wetness | Severe: flooding wetness | Severe: flooding frost action wetness | Severe: wetness |
| Ch: Chavies----- | --- | --- | --- | --- | --- | --- |
| ClB: Clarksburg----- | Severe: wetness | Moderate: shrink-swell wetness | Severe: wetness | Moderate: shrink-swell slope wetness | Moderate: low strength wetness | Moderate: wetness |
| ClC: Clarksburg----- | Severe: wetness | Moderate: shrink-swell slope wetness | Severe: wetness | Severe: slope | Moderate: low strength slope wetness | Moderate: slope wetness |
| ClD: Clarksburg----- | Severe: slope wetness | Severe: slope | Severe: slope wetness | Severe: slope | Severe: slope | Severe: slope |
| ClD3: Clarksburg----- | Severe: slope wetness | Severe: slope | Severe: slope wetness | Severe: slope | Severe: slope | Severe: slope |

Table M.--Building Site Development--Continued

| Map symbol and soil name | Shallow excavations | Dwellings without basements | Dwellings with basements | Small commercial buildings | Local roads and streets | Lawns and landscaping |
|-----------------------------|-------------------------------------|---|-------------------------------------|---|---|---|
| CoB: Cookport----- | Severe: wetness | Moderate: wetness | Severe: wetness | Moderate: slope wetness | Moderate: low strength wetness | Moderate: wetness |
| CoC: Cookport----- | Severe: wetness | Moderate: slope wetness | Severe: wetness | Severe: slope | Moderate: low strength slope wetness | Moderate: slope wetness |
| CuC: Culleoka----- | Moderate: slope depth to rock | Moderate: slope | Moderate: slope depth to rock | Severe: slope | Moderate: low strength slope | Moderate: slope depth to rock |
| CuD: Culleoka----- | Severe: slope | Severe: slope | Severe: slope | Severe: slope | Severe: slope | Severe: slope |
| CuE: Culleoka----- | Severe: slope | Severe: slope | Severe: slope | Severe: slope | Severe: slope | Severe: slope |
| CuE3: Culleoka----- | Severe: slope | Severe: slope | Severe: slope | Severe: slope | Severe: slope | Severe: slope |
| CuF3: Culleoka----- | Severe: slope | Severe: slope | Severe: slope | Severe: slope | Severe: slope | Severe: slope |
| DeC: Dekalb----- | Severe: depth to rock | Moderate: large stones slope depth to rock | Severe: depth to rock | Severe: slope | Moderate: large stones slope depth to rock | Moderate: thin layer |
| DsF: Dekalb----- | Severe: slope depth to rock | Severe: slope | Severe: slope depth to rock | Severe: slope | Severe: slope | Severe: slope small stones |
| EnB: Ernest----- | Severe: wetness | Moderate: shrink-swell wetness | Severe: wetness | Moderate: shrink-swell slope wetness | Severe: low strength | Moderate: large stones small stones |

Table M.--Building Site Development--Continued

| Map symbol and soil name | Shallow excavations | Dwellings without basements | Dwellings with basements | Small commercial buildings | Local roads and streets | Lawns and landscaping |
|-----------------------------|-----------------------------------|---|-----------------------------------|----------------------------------|----------------------------------|--|
| EnC: | | | | | | |
| Ernest----- | Severe: wetness | Moderate: shrink-swell slope wetness | Severe: wetness | Severe: slope | Severe: low strength | Moderate: large stones slope small stones |
| EnD: | | | | | | |
| Ernest----- | Severe: slope wetness | Severe: slope | Severe: slope wetness | Severe: slope | Severe: low strength slope | Severe: slope |
| EsC: | | | | | | |
| Ernest----- | Severe: wetness | Moderate: shrink-swell slope wetness | Severe: wetness | Severe: slope | Severe: low strength | Moderate: large stones slope small stones |
| Atkins----- | --- | --- | --- | --- | --- | --- |
| EsD: | | | | | | |
| Ernest----- | Severe: slope wetness | Severe: slope | Severe: slope wetness | Severe: slope | Severe: low strength slope | Severe: slope |
| FaC: | | | | | | |
| Faywood----- | Severe: depth to rock | Moderate: shrink-swell slope depth to rock | Severe: depth to rock | Severe: slope | Severe: low strength | Moderate: slope thin layer |
| FaD: | | | | | | |
| Faywood----- | Severe: slope depth to rock | Severe: slope | Severe: slope depth to rock | Severe: slope | Severe: low strength slope | Severe: slope |
| FaE: | | | | | | |
| Faywood----- | Severe: slope depth to rock | Severe: slope | Severe: slope depth to rock | Severe: slope | Severe: low strength slope | Severe: slope |

Table M.--Building Site Development--Continued

| Map symbol and soil name | Shallow excavations | Dwellings without basements | Dwellings with basements | Small commercial buildings | Local roads and streets | Lawns and landscaping |
|-----------------------------|---|------------------------------------|---|----------------------------------|--|--|
| FaF: Faywood----- | Severe: slope depth to rock | Severe: slope | Severe: slope depth to rock | Severe: slope | Severe: low strength slope | Severe: slope |
| Fo: Fluvaquents----- | Severe: wetness | Severe: flooding wetness | Severe: flooding wetness | Severe: flooding wetness | Severe: flooding frost action wetness | Severe: flooding wetness |
| GlB: Gilpin----- | Moderate: depth to rock | Slight | Moderate: depth to rock | Moderate: slope | Moderate: frost action | Moderate: thin layer |
| GlC: Gilpin----- | Moderate: slope depth to rock | Moderate: slope | Moderate: slope depth to rock | Severe: slope | Moderate: frost action slope | Moderate: slope thin layer |
| GlD: Gilpin----- | Severe: slope | Severe: slope | Severe: slope | Severe: slope | Severe: slope | Severe: slope |
| GlE: Gilpin----- | Severe: slope | Severe: slope | Severe: slope | Severe: slope | Severe: slope | Severe: slope |
| GlF: Gilpin----- | Severe: slope | Severe: slope | Severe: slope | Severe: slope | Severe: slope | Severe: slope |
| GsC: Gilpin----- | Moderate: large stones slope depth to rock | Moderate: large stones slope | Moderate: large stones slope depth to rock | Severe: slope | Moderate: frost action large stones slope | Severe: large stones small stones |
| GsE: Gilpin----- | Severe: slope | Severe: slope | Severe: slope | Severe: slope | Severe: slope | Severe: large stones slope small stones |

Table M.--Building Site Development--Continued

| Map symbol and soil name | Shallow excavations | Dwellings without basements | Dwellings with basements | Small commercial buildings | Local roads and streets | Lawns and landscaping |
|-----------------------------|-------------------------------------|--|--|--|--|--|
| GtF: | | | | | | |
| Gilpin----- | Severe: slope | Severe: slope | Severe: slope | Severe: slope | Severe: slope | Severe: large stones slope small stones |
| GuC: | | | | | | |
| Gilpin----- | Moderate: slope depth to rock | Moderate: slope | Moderate: slope depth to rock | Severe: slope | Moderate: frost action slope | Moderate: slope thin layer |
| Upshur----- | Moderate: slope too clayey | Severe: shrink-swell | Severe: shrink-swell | Severe: shrink-swell slope slippage | Severe: low strength shrink-swell | Moderate: slope |
| GuC3: | | | | | | |
| Gilpin----- | Moderate: slope depth to rock | Moderate: slope | Moderate: slope depth to rock | Severe: slope | Moderate: frost action slope | Moderate: slope thin layer |
| Upshur----- | Moderate: slope too clayey | Severe: shrink-swell | Severe: shrink-swell | Severe: shrink-swell slope | Severe: low strength shrink-swell | Severe: too clayey |
| GuD: | | | | | | |
| Gilpin----- | Severe: slope | Severe: slope | Severe: slope | Severe: slope | Severe: slope | Severe: slope |
| Upshur----- | Severe: slope slippage | Severe: shrink-swell slope slippage | Severe: shrink-swell slope slippage | Severe: shrink-swell slope slippage | Severe: low strength shrink-swell slope | Severe: slope |
| GuD3: | | | | | | |
| Gilpin----- | Severe: slope | Severe: slope | Severe: slope | Severe: slope | Severe: slope | Severe: slope |
| Upshur----- | Severe: slope slippage | Severe: shrink-swell slope slippage | Severe: shrink-swell slope slippage | Severe: shrink-swell slope slippage | Severe: low strength shrink-swell slope | Severe: slope too clayey |
| GuE: | | | | | | |
| Gilpin----- | Severe: slope | Severe: slope | Severe: slope | Severe: slope | Severe: slope | Severe: slope |
| Upshur----- | Severe: slope slippage | Severe: shrink-swell slope slippage | Severe: shrink-swell slope slippage | Severe: shrink-swell slope slippage | Severe: low strength shrink-swell slope | Severe: slope |

Table M.--Building Site Development--Continued

| Map symbol and soil name | Shallow excavations | Dwellings without basements | Dwellings with basements | Small commercial buildings | Local roads and streets | Lawns and landscaping |
|-----------------------------|---|--|--|--|---|--------------------------------|
| GuE3: | | | | | | |
| Gilpin----- | Severe: slope | Severe: slope | Severe: slope | Severe: slope | Severe: slope | Severe: slope |
| Upshur----- | Severe: slope slippage | Severe: shrink-swell slope slippage | Severe: shrink-swell slope slippage | Severe: shrink-swell slope slippage | Severe: low strength shrink-swell slope | Severe: slope too clayey |
| GuF3: | | | | | | |
| Gilpin----- | Severe: slope | Severe: slope | Severe: slope | Severe: slope | Severe: slope | Severe: slope |
| Upshur----- | Severe: slope slippage | Severe: shrink-swell slope slippage | Severe: shrink-swell slope slippage | Severe: shrink-swell slope slippage | Severe: low strength shrink-swell slope | Severe: slope too clayey |
| GyB: | | | | | | |
| Guernsey----- | Severe: wetness | Severe: shrink-swell | Severe: shrink-swell wetness | Severe: shrink-swell | Severe: low strength shrink-swell | Moderate: wetness |
| GyC: | | | | | | |
| Guernsey----- | Severe: wetness | Severe: shrink-swell | Severe: shrink-swell wetness | Severe: shrink-swell slope | Severe: low strength shrink-swell | Moderate: slope wetness |
| GyD: | | | | | | |
| Guernsey----- | Severe: slope wetness slippage | Severe: shrink-swell slope slippage | Severe: shrink-swell slope wetness | Severe: shrink-swell slope slippage | Severe: low strength shrink-swell slope | Severe: slope |
| GyD3: | | | | | | |
| Guernsey----- | Severe: slope wetness slippage | Severe: shrink-swell slope slippage | Severe: shrink-swell slope wetness | Severe: shrink-swell slope slippage | Severe: low strength shrink-swell slope | Severe: slope |
| Ha: | | | | | | |
| Hackers----- | Slight | Severe: flooding | Severe: flooding | Severe: flooding | Moderate: flooding frost action low strength | Slight |
| Ln: | | | | | | |
| Lindside----- | Severe: wetness | Severe: flooding | Severe: flooding wetness | Severe: flooding | Severe: flooding | Moderate: flooding |

Table M.--Building Site Development--Continued

| Map symbol and soil name | Shallow excavations | Dwellings without basements | Dwellings with basements | Small commercial buildings | Local roads and streets | Lawns and landscaping |
|-----------------------------|-------------------------------------|-----------------------------------|--------------------------------|----------------------------------|---|----------------------------------|
| Me: | | | | | | |
| Melvin----- | Severe: wetness | Severe: flooding wetness | Severe: flooding wetness | Severe: flooding wetness | Severe: flooding low strength | Severe: wetness |
| MoB: | | | | | | |
| Monongahela----- | Severe: wetness | Moderate: wetness | Severe: wetness | Moderate: slope wetness | Moderate: low strength wetness | Slight |
| MoC: | | | | | | |
| Monongahela----- | Severe: wetness | Moderate: slope wetness | Severe: wetness | Severe: slope | Moderate: low strength slope wetness | Moderate: slope |
| No: | | | | | | |
| Nolin----- | Moderate: flooding wetness | Severe: flooding | Severe: flooding | Severe: flooding | Severe: flooding low strength | Moderate: flooding |
| Ph: | | | | | | |
| Philo----- | Severe: wetness cutbanks cave | Severe: flooding | Severe: flooding wetness | Severe: flooding | Severe: flooding | Moderate: flooding |
| Po: | | | | | | |
| Pope----- | Severe: cutbanks cave | Severe: flooding | Severe: flooding | Severe: flooding | Severe: flooding | Moderate: flooding |
| RaB: | | | | | | |
| Rayne----- | Slight | Slight | Slight | Moderate: slope | Moderate: frost action | Slight |
| RaC: | | | | | | |
| Rayne----- | Moderate: slope | Moderate: slope | Moderate: slope | Severe: slope | Moderate: frost action slope | Moderate: slope |
| Sm: | | | | | | |
| Udorthents,mudstone,---- | Severe: slope | Severe: slope | Severe: slope | Severe: slope | Severe: slope | Severe: slope small stones |
| Tg: | | | | | | |
| Tygart----- | Severe: wetness | Severe: wetness | Severe: wetness | Severe: wetness | Severe: low strength wetness | Severe: wetness |

Table M.--Building Site Development--Continued

| Map symbol and soil name | Shallow excavations | Dwellings without basements | Dwellings with basements | Small commercial buildings | Local roads and streets | Lawns and landscaping |
|-----------------------------|---|--|--|--|--|--------------------------------|
| Uf: Fluvaquents----- | Severe: wetness | Severe: flooding wetness | Severe: flooding wetness | Severe: flooding wetness | Severe: flooding frost action wetness | --- |
| Fluvents----- | Moderate: flooding wetness | Severe: flooding | Severe: flooding | Severe: flooding | Severe: flooding | --- |
| UhC3: Upshur----- | Moderate: slope too clayey | Severe: shrink-swell | Severe: shrink-swell | Severe: shrink-swell slope slippage | Severe: low strength shrink-swell | Severe: too clayey |
| UhD3: Upshur----- | Severe: slope slippage | Severe: shrink-swell slope slippage | Severe: shrink-swell slope slippage | Severe: shrink-swell slope slippage | Severe: low strength shrink-swell slope | Severe: slope too clayey |
| U1: Urban land----- | --- variable | --- variable | --- variable | --- variable | --- variable | --- variable |
| VaB: Vandalia----- | Moderate: too clayey wetness | Severe: shrink-swell | Severe: shrink-swell | Severe: shrink-swell | Severe: low strength shrink-swell | Slight |
| VaC: Vandalia----- | Moderate: slope too clayey wetness | Severe: shrink-swell | Severe: shrink-swell | Severe: shrink-swell slope | Severe: low strength shrink-swell | Moderate: slope |
| VaD: Vandalia----- | Severe: slope | Severe: shrink-swell slope | Severe: shrink-swell slope | Severe: shrink-swell slope | Severe: low strength shrink-swell | Severe: slope |
| VaD3: Vandalia----- | Severe: slope | Severe: shrink-swell slope | Severe: shrink-swell slope | Severe: shrink-swell slope | Severe: low strength shrink-swell slope | Severe: slope |

Table M.--Building Site Development--Continued

| Map symbol and soil name | Shallow excavations | Dwellings without basements | Dwellings with basements | Small commercial buildings | Local roads and streets | Lawns and landscaping |
|-----------------------------|-------------------------------------|---|-------------------------------------|----------------------------------|--|-------------------------------|
| WmC: | | | | | | |
| Westmoreland----- | Moderate: slope depth to rock | Moderate: slope | Moderate: slope depth to rock | Severe: slope | Moderate: frost action low strength slope | Moderate: slope |
| WmC3: | | | | | | |
| Westmoreland----- | Moderate: slope depth to rock | Moderate: slope | Moderate: slope depth to rock | Severe: slope | Moderate: frost action low strength slope | Moderate: slope |
| WmD: | | | | | | |
| Westmoreland----- | Severe: slope | Severe: slope | Severe: slope | Severe: slope | Severe: slope | Severe: slope |
| WmD3: | | | | | | |
| Westmoreland----- | Severe: slope | Severe: slope | Severe: slope | Severe: slope | Severe: slope | Severe: slope |
| WmE: | | | | | | |
| Westmoreland----- | Severe: slope | Severe: slope | Severe: slope | Severe: slope | Severe: slope | Severe: slope |
| WmE3: | | | | | | |
| Westmoreland----- | Severe: slope | Severe: slope | Severe: slope | Severe: slope | Severe: slope | Severe: slope |
| WmF: | | | | | | |
| Westmoreland----- | Severe: slope | Severe: slope | Severe: slope | Severe: slope | Severe: slope | Severe: slope |
| WrC: | | | | | | |
| Wharton----- | Severe: wetness | Moderate: shrink-swell slope wetness | Severe: wetness | Severe: slope | Severe: frost action low strength | Moderate: slope wetness |
| Nolo----- | --- | --- | --- | --- | --- | --- |
| WrD: | | | | | | |
| Wharton----- | Severe: slope wetness | Severe: slope | Severe: slope wetness | Severe: slope | Severe: frost action low strength slope | Severe: slope |

Table M.--Building Site Development--Continued

| Map symbol and soil name | Shallow excavations | Dwellings without basements | Dwellings with basements | Small commercial buildings | Local roads and streets | Lawns and landscaping |
|-----------------------------|------------------------|---|--------------------------------|---|----------------------------|--------------------------|
| ZoB: | | | | | | |
| Zoar----- | Severe: wetness | Moderate: shrink-swell wetness | Severe: wetness | Moderate: shrink-swell slope wetness | Severe: low strength | Slight |
| ZoC: | | | | | | |
| Zoar----- | Severe: wetness | Moderate: shrink-swell slope wetness | Severe: wetness | Severe: slope slippage | Severe: low strength | Moderate: slope |
| ZZ900: | | | | | | |
| Udorthents,sandstone---- | --- | --- | --- | --- | --- | --- |
| ZZ901: | | | | | | |
| Udorthents,dumps,low---- | --- | --- | --- | --- | --- | --- |
| ZZ902: | | | | | | |
| Ponds and lakes less---- | --- | --- | --- | --- | --- | --- |